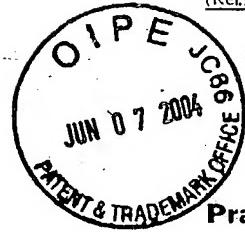


DACS  
JFN (S)Practitioner's Docket No. 61282.00007**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

- In re application of: Gwang Hoon KWAG, et al.  
 Application No.: 01 10/643,144 Group No. 1774  
 Filed: August 18, 2003 Examiner: Unknown  
 For: "Blue Light-Emitting Ladder-Type  
 Polymer With Excellent Heat Stability"  
 Patent No.\*: Issued:

**RECEIVED**

JUN 15 2004

**OFFICE OF PETITIONS**

\*NOTE: Insert name of inventor(s) and title also for patent where notification is with respect to a maintenance fee payment, also insert application number and filing date, and add Box M. Fee to address.

Commissioner for Patents  
 P.O. Box 1450, Alexandria, VA 22313-1450

**NOTIFICATION OF ERROR IN PAYMENT OF FEE(S) AS A SMALL ENTITY**  
(37 C.F.R. § 1.28(c))

NOTE: 37 C.F.R. § 1.28(c): "(c) How errors in small entity status are excused. If status as a small entity is established in good faith, and fees as a small entity are paid in good faith, in any application or patent, and it is later discovered that such status as a small entity was established in error, or that through error the Office was not notified of a loss of entitlement to small entity status as required by § 1.27(g)(2), the error will be excused upon: compliance with the separate submission and itemization requirements of paragraphs (c)(1) and (c)(2) of this section, and the deficiency payment requirement of paragraph (c)(2) of this section."

NOTE: 37 C.F.R. § 1.28(c)(1): "Separate submission required for each application or patent. Any paper submitted under this paragraph must be limited to the deficiency payment (all fees paid in error), required by paragraph (c)(2) of this section, for one application or one patent. Where more than one application or patent is involved, separate submissions of deficiency payments (e.g., checks) and itemizations are required for each application or patent. See § 1.4(b)."

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

(When using Express Mail, the Express Mail label number is mandatory;  
 Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

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- deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

- with sufficient postage as first class mail.

 as "Express Mail Post Office to Addressee"

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**TRANSMISSION**

facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Adjustment date: 06/18/2004 CKHLOK  
 08/20/2003 STEUHEL1 00000072 050150 10643144  
 01 FC:2001 375.00 CR  
 02 FC:2203 140.00 CR  
 Date: June 2, 2004

Signature

Aaron Wininger, Reg. No. 45,229

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

8675/2004 KKEHP1 00000002 050150 10643144

06/18/2004 CKHLOK 00000020 050150 10643144 (Notification of Error in Payment of Fee(s) as a Small Entity [7-6]—page 1 of 4)

01 FC:1001 770.00 DA 515.00 DA  
 02 FC:1203 290.00 DA

## **Erroneous Filing of Small Entity Statement**

1. On Aug. 18, 2003, a small entity assertion was erroneously filed in this  application  patent
2. This assertion of small entity status in this application and the payment of fee(s) as a small entity was/were made in good faith.
3. It has now been discovered that such status as a small entity was established in error.

### **Itemization of the Fee(s) Erroneously Paid as Small Entity**

**NOTE:** 37 C.F.R. § 1.28(c)(2): "Payment of deficiency owed. The deficiency owed, resulting from the previous erroneous payment of small entity fees, must be paid.

(i) Calculation of the deficiency owed. The deficiency owed for each previous fee erroneously paid as a small entity is the difference between the current fee amount (for other than a small entity) on the date the deficiency is paid in full and the amount of the previous erroneous (small entity) fee payment. The total deficiency payment owed is the sum of the individual deficiency owed amounts for each fee amount previously erroneously paid as a small entity. Where a fee paid in error as a small entity was subject to a fee decrease between the time the fee was paid in error and the time the deficiency is paid in full, the deficiency owed is equal to the amount (previously) paid in error;

(ii) Itemization of the deficiency payment. An itemization of the total deficiency payment is required. The itemization must include the following information:

(A) Each particular type of fee that was erroneously paid as a small entity, (e.g., basic statutory filing fee, two-month extension of time fee) along with the current fee amount for a non-small entity;

(B) The small entity fee actually paid, and when. This will permit the Office to differentiate, for example, between two one-month extension of time fees erroneously paid as a small entity but on different dates;

(C) The deficiency owed amount (for each fee erroneously paid); and

(D) The total deficiency payment owed, which is the sum or total of the individual deficiency owed amounts set forth in paragraph (c)(2)(ii)(C) of this section."

**NOTE:** 37 C.F.R. § 1.28(c)(3): "Failure to comply with requirements. If the requirements of paragraphs (c)(1) and (c)(2) of this section are not complied with, such failure will either: be treated as an authorization for the Office to process the deficiency payment and charge the processing fee set forth in § 1.17(l), or result in a requirement for compliance within a one-month non-extendable time period under § 1.136(a) to avoid the return of the fee deficiency paper, at the option of the Office."

(Notification of Error in Payment of Fee(s) as a Small Entity [7-6]—page 2 of 4)

4.

(complete the following applicable item(s))

<u>FEE(S) ERRONEOUSLY PAID AS A SMALL ENTITY</u>	<u>FEE ACTUALLY PAID AS A SMALL ENTITY</u>	<u>DEFICIENCY OWED*</u>
<input checked="" type="checkbox"/> Filing fee paid on <u>August 18, 2003</u>	\$ <u>375.00</u>	\$ <u>375.00</u>
<input type="checkbox"/> Fee for excess claims (over 20) paid on _____	\$ _____	\$ _____
<input checked="" type="checkbox"/> Fee for multiple claims paid on <u>August 18, 2003</u>	\$ <u>140.00</u>	\$ <u>140.00</u>
<input type="checkbox"/> Extension of time fee paid on _____	\$ _____	\$ _____
<input type="checkbox"/> The issue fee paid on _____	\$ _____	\$ _____
<input type="checkbox"/> _____ maintenance fee (First, second or third) paid on _____	\$ _____	\$ _____
<input type="checkbox"/> Other:		

**WARNING:** "The deficiency owed for each previous fee erroneously paid as a small entity is the difference between the current fee amount (for other than a small entity) on the date the deficiency is paid in full and the amount of the previous erroneous (small entity) fee payment. The total deficiency payment owed is the sum of the individual deficiency owed amounts for each fee amount previously erroneously paid as a small entity. Where a fee paid in error as a small entity was subject to a fee decrease between the time the fee was paid in error and the time the deficiency is paid in full, the deficiency owed is equal to the amount (previously) paid in error. . ." 37 C.F.R. § 1.28(c)(2)(i).

**NOTE:** 37 C.F.R. § 1.28(b)(2): "The date when a deficiency payment is paid in full determines the amount of deficiency that is due pursuant to paragraph (c) of this section."

Total deficiency owed \$ 515.00

**NOTE:** 37 C.F.R. 1.28(d): "Payment of deficiency operates as notification of loss of status. Any deficiency payment (based on a previous erroneous payment of a small entity fee) submitted under paragraph (c) of this section will be treated under § 1.27(g)(2) as a notification of a loss of entitlement to small entity status."

### Payment of Deficiency

5. The total deficiency owed is paid as follows:

- Attached is a  check  money order in the amount of \$ \_\_\_\_\_  
 Authorization is hereby made to charge the amount of \$ 515.00  
 to Deposit Account No. 05-0150  
 to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

- Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

Reg. No.: 45,229

Tel. No.: ( 650 ) 856-6500

Customer No.: 30256

  
SIGNATURE OF PRACTITIONER

Aaron Wininger  
(type or print name of practitioner)

Squire, Sanders & Dempsey, L.L.P.  
P.O. Address

600 Hansen Way, Palo Alto, CA 94304-1043

(Notification of Error in Payment of Fee(s) as a Small Entity [7-6]—page 4 of 4)

JRW  
CH

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/643,144
		Filing Date	August 18, 2003
		First Named Inventor	Gwang Hoon KWAG
		Art Unit	1774
		Examiner Name	Unknown
Total Number of Pages in This Submission	11	Attorney Docket Number	61282.00007 JUN 15 2004

**RECEIVED****OFFICE OF PETITIONS**

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Return Postcard
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<b>Notification of Error in Payment of Fee(s) As A Small Entity (37 C.F.R. § 1.28(c)) (in duplicate)</b>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Aaron Wininger, Reg. No. 45,229 Squire, Sanders & Dempsey, L.L.P. 600 Hansen Way Palo Alto, CA 94304
Signature	
Date	June 2, 2004

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Aaron Wininger		
Signature		Date	June 2, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

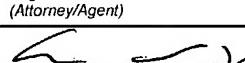
Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 515)

Complete if Known	
Application Number	10/643,144
Filing Date	August 18, 2003
First Named Inventor	Gwang-Hoon KWAG
Examiner Name	Unknown
Art Unit	1774
Attorney Docket No.	61282.00007

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																																																																													
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ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Description</td> <td>Fee Paid</td> </tr> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503</td> <td>320</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17 (q)</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>770</td> <td>2809</td> <td>385</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>770</td> <td>2810</td> <td>385</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>770</td> <td>2801</td> <td>385</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) Notification of Error in Payment of Fee(s) As A Small Entity (37 C.F.R. § 1.28(c)) (in duplicate)</td> <td>515</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$ 515)</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive – unavoidable		1453	1,330	2453	665	Petition to revive – unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) Notification of Error in Payment of Fee(s) As A Small Entity (37 C.F.R. § 1.28(c)) (in duplicate)				515	*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 515)
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SUBMITTED BY			Complete (if applicable)		
Name (Print/Type)	Aaron Wininger	Registration No. (Attorney/Agent)	45,229	Telephone	(650) 856-6500
Signature			Date	June 2, 2004	

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